

From the Editor

Greetings Colleagues,

Another fabulous Salmon Run is now in the books. The intrepid team of operators and support staff lit up the airwaves on September 21st and 22nd, tallying 1189 unique QSOs resulting in 295,816 points. This humongous score should place the Mighty DK fairly high in the standings. Good work and kudos for a job well done. Bravo Zulu!

The preliminary statistics are in for the Salmon Run Pledge/Membership Drive. Results of the mass mailing to non-member license holders in the area are somewhat disappointing as it now stands. Perhaps nearer the end of the month when many folks sit down to pay their bills, we'll see a surge of additional pledges and membership applications. Although the response was less-than-hoped-for, it was certainly a successful endeavor in that it established a baseline on which to evaluate future fund-raising and recruitment projects.

Don't forget that elections are forthcoming for several positions on the officer cadre and Board of Directors. Be sure to watch for your ballot to arrive in the mail later this month, and take time to cast your vote and return it before the deadline.

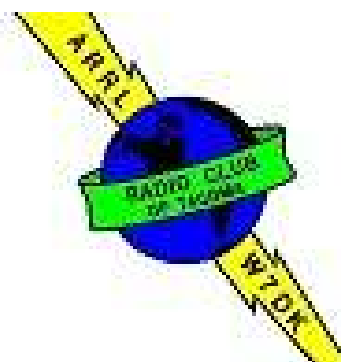
Good News! The W7DK repeater located on Crawford Mountain is back in service. Operating on 147.380 MHz, this repeater helps improve coverage to the club members living in the southern part of Pierce County and other locations southward.

By all accounts, the team managing and manning the W7DK booth at the State Fair had another very successful endeavor. Great exposure to thousands of passers by for the club in particular and amateur radio in general.

73 de Mike W7MWF

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**Board of Directors
Meeting Minutes
4 September 2013**

The 4 September 2013 Radio Club of Tacoma Board meeting was held at the Radio Club of Tacoma.

Officers and board members present:

Secretary	Larry Watson KD4VOM
Board Member	Bruce Hanson WE7P
Board Member	Al Ferguson N7OMS
Board Member	Glen Galati KA7BOJ
Board Member	Nick Winter K7MO

There were 11 names on the attendance roster

Minutes:

A motion was made, seconded and passed to approve the minutes of the 7 August 2013 Board meeting as coordinated.

HEALTH AND WELFARE: We are saddened to report the passing of Lifetime Associate member # 784 Donna Hathaway on August 19th in Roseville Oregon...

SECRETARY'S REPORT:

Bank Statements
Utility and Phone Bills
Newsletters
Memberships
QSL cards
ARES Dist 5 Ltr (Repeaters)

TREASURER'S REPORT: No Report

COMMITTEE REPORTS:

Membership: Larry KD4VOM

Current membership stands at 296

RCT Information Technology Committee: – Randy Myers WB4SBP

Randy reports that a new version of the N3FJP Contact log has been installed, a Gateway Laptop has been configured to support the Fair Booth, and The former Library Computer has been reconfigured for EmComm support in the Lou room with the Yeasu FT 847.

A new Classroom computer running XP has been created from a PC Donated by N7OMS. This computer could use a PCI or PCIe video card.

The Library Computer was damaged during an emergency power exercise. A power supply was ordered and installed, and the computer returned to service

The Brother printer/scanner (powered by the same outlet) may also have been damaged in the emergency power exercise. Evaluation by the IT team is pending.

Randy reminds us that all Microsoft XP support needed for the EmComm, Museum, Classroom and Laptop computers ends 8 April 2014. Security fixes and anti-malware definition updates will no longer be available.

The complete report is attached to the original copy of these minutes

Property Management:

Frank AC7JY provided the following report;

The Saturday Swap Sales bought in \$ 37.00

The August Members only auction for the Ameritron AL-811 winning bidder was Gary Farris KE7WMQ who bid \$ 450.00

Plans for E-Bay include 2 Bugs, one Paddle, 1 Sounder and a few other items. We have a Kodascope Movie Projector up for bids, but don't expect much.

Steve Morton AD7AB reported that he has the HF Ten Tec, A Scout CW Transceiver, an old manual Tuner, and a keyer at the Fair Booth

Planning Committee Report: Larry KD4VOM

No Report

HF and Repeater Operations:

HF Operations: No Report

Repeater Operations:

Nick Winter K7MO's report

RCT Repeater Status:

W7DK 145.21 Repeater, Bates Channel 28: Status Operational; Awaiting replacement with Master II controller

W7DK 147.28 Repeater Clubhouse: Status – Operational

W7DK 147.38 Repeater Crawford Mountain: Status – Operating at K7MO QTH Planned return to site within two weeks

W7DK 440.625 Repeater Clubhouse Status – Operational

IRLP (147.28 Repeater) Operational

Facilities Management: Bruce Hanson WE7P

Pesticide has terminated the ant invasion.

An Emergency Power quarterly test was conducted on 31 August. A mis-wired circuit was discovered and has been corrected.

Training:

Next Technician Class is scheduled for October 5/6.

General Class in the works: Stephen AD7AB is asking for Extra Class instructors to take sections of the course, which will be taught using the “W7BUN” Seligman method, in which student prepare the lesson and are supported by the Instructor.

UNFINISHED BUSINESS:

Emergency Operations: Larry KD4VOM reports; District 5 ARES DIGITAL NET BASIC DIGITAL TRAINING

A new beginning session began Monday 19 August
When: Mondays beginning August 19, 2013 at 7:30pm and

Wednesdays, at 7 pm, same repeater

Location: The W7EAT 146.700 MHz Repeater minus offset 103.5 tone (Eatonville)

NEW BUSINESS:

Salmon Run and Pledge Drive: Al Ferguson N7MOS

The **Non Member promotional solicitation** to join the RCT and participate in our Salmon Run Pledge Drive approved by the Board at the last meeting is moving along well.

Larry Watson KD4VOM reports that the envelopes and letters have been printed and the address list and envelopes are at the Mail Northwest Mailing Service for address verification, envelope printing and sorting.

Nominating Committee: Pending appointment

Repeater Committee: Pending appointment

Nick Winter K7MO regrets that multiple issues force him to resign as the Club's repeater manager. He will work with appointed Club member to insure a smooth transition.

DISCUSSION TOPICS:

Membership Meetings:

There have been recent proposals to consider changing the nature of the Club's second monthly membership meeting in order to provide training, projects, workshops and how to sessions for members at the Clubhouse.

Club Repeater Configuration:

In recent weeks there have been several discussions suggesting that the Club consider divesting itself of the Crawford Mountain 147.38, and Bates Technical College 145.21 repeaters.

Rob Lee K7TGU presented a detailed review of the repeater coverage plots. There followed considerable discussion relative to the idea of divesting the club of two of our four repeaters. Questions raised included:

The general lack of use of the repeaters,

The expense of maintaining and operating the repeaters,

Availability and willingness of knowledgeable club members to service and maintain the repeaters

Club Bylaws and Articles of Incorporation as amended requirements to:

Provide public service

Support Charitable organizations

Support Emergency Operations

Support Governmental Emergency Operations

Support ARRL Amateur Radio Emergency Service

Support Special Events

Support Technician class licensees, both member and non member

The issue of our commitment to Dr. Murphy who donated the Bates Technical College repeater requesting it be continued in support of ARES and Emergency Com-



munications

2 meter service to members living in South Pierce County

Likely loss of valuable 2 meter repeater frequency pairs and coordination approval

Likely permanent loss of the Department of Natural Resources Crawford Mountain site.

More work needs to be done to quantify the short and long term costs of maintaining the repeaters as well as consulting with the area emergency communications services who now use and rely on one or more of these repeaters in support of their nets and missions.

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ANNOUNCEMENTS:

W7DK at the Fair:

Stephen AD7AB has the duty tour roster set up on the W7DK.org website and it is filling up faster than previous years. Please contact Stephen for more information.

Stephen is also asking for folks wishing to participate in the Club's Booth design and setup.

Jamboree On The Air (JOTA)

Steve Schumaker K7DFC is in the midst of planning an event to take place from 18-21 Oct, at Wilcox Farms. He has a few people coming out to set up stations, to work the event on our special 1x1 call sign W7S. He would love to have more folks out there set up field day style. Please let him know if you or anyone else is interested.

Steve K7DFC
253-861-5467

Here's a link to the ARRL JOTA page: <http://www.arrl.org/jamboree-on-the-air-jota>

Jamboree-on-the-Air is held the third weekend in October. The official hours are from Saturday at 00:00

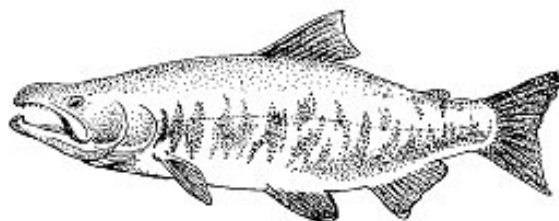
hours local time (right at midnight Friday) to Sunday 24:00 (midnight Sunday evening). So you've got the whole weekend to make JOTA contacts.

The World Scout Bureau reported that the 2010 JOTA had just over 700,000 Scout participants from nearly 6,000 amateur radio stations! Modern technology offers Scouts the exciting opportunity to make friends in other countries without leaving home. JOTA is an annual event in which Boy and Girl Scouts and Guides from all over the world speak to each other by means of Amateur (ham) Radio.

ANNUAL ELECTIONS COMING UP

- September: Nominating Committee appointed
- October: Nominations made, Election Committee appointed
- November: Elections, ballots counted, results announced.
- Terms expire 12/31/2013: Casey-WY7V, Larry-KD4VOM, Al-N7OMS, Glen-KA7BOJ, Bruce-WE7P
- Terms expire 12/31/2014: Gary-WG7X, Bob-AD7LJ, Jim-KE6WHN, Nick-K7MO

Meeting Adjourned



General Meeting Notes
13 September 2013

The 11 September 2013 General Membership meeting was held at the Pierce County Library Administration Building at Waller Road and 112th Street. .

Member Linda Adams AB7YL called the meeting to order at 7:35 PM.

Officers and board members present:

Board

Bruce Hanson WE7P

A sign in sheet with the names of members and guests is attached to the original copy of these minutes. There were 27 names on the attendance roster.

PLEDGE OF ALLEGIANCE: Was led by Linda Adams AB7YL

INTRODUCTIONS: Guests and Self introductions were completed. Guests N07B and N7XRT guests were welcomed, and Greta Hewlett was congratulated on passing the Extra Class examination.

ILLNESS OR SILENT KEY: None Reported

Correspondence: No Report

A New Field Day Pig was circulated to collect donations for Field Day operations.

COMMITTEE REPORTS:

Training: The next Technician's class will be held on 5 & 6 October

Stephen is also ginning up a General Class and is seeking Extra Class licensees to help teach the program.

The next monthly scheduled testing session will be Tuesday September 10, 2013.

VE REPORT by John AC7WW

Volunteer Examiners outnumbered candidates two to one Tuesday September 10, 2013 at the Radio Club of Tacoma clubhouse. One candidate passed element two to join the ranks of amateur radio operators and one candidate passed element four advancing to Amateur Extra class. One young lady failed to obtain an initial license.

Thanks to the following VE's for their time and effort.

Steve, AD7VL
Jon, AD7AW
Bob, KE7WPK

Dale, N3MO
Rich, KK7VH
Chris, AE7XQ

The next monthly scheduled testing session will be Tuesday October 8, 2013.

ANNOUNCEMENTS:

Salmon Run QSO Party and Pledge Drive:

It's time again for our annual fund raiser, the Salmon Run Pledge Drive

With the loss of our annual Hamfest income, it has become even more important to raise operating and maintenance funds to keep the Radio Club of Tacoma humming, and our Clubhouse working for the membership.

This year we are also initiating a broader Club promotional campaign to solicit new members from our area of interest, as well as to solicit their support of the Club's Mission and Service objectives.

District 5 ARES Digital Net Basic Digital Training

When: Mondays beginning August 19, 2013 at 7:30pm and

Wednesdays, at 7 pm, same repeater

Location: The W7EAT 146.700 MHz Repeater minus offset 103.5 tone (Eatonville)

Download the FLDIGI and the FLMSG programs at: <http://www.w1hkj.com>.

Participants can get a start with the Course Manual located at the ARES District 5 Website [\[here\]](#) and download the course document [\[right here\]](#)

W7DK@the Fair: Stephen Morton AD7AB

Signups are still needed to fill out the schedule, so get your date picked and register for a tour. The Radio Club of Tacoma has a unique opportunity to present and promote the Radio Club of Tacoma and Amateur Radio to the thousands of visitors to the Fair. The four hour tour signup sheet is on the W7DK.org website. Serving a tour is rewarding, and also provides a free ticket to the Fair. Stephen is also looking for four or five folks who can help with the design and setup of the Fair Booth. Steve can be contacted through the W7DK.org website or by email at:

semorton@harboret.net
ad7ab@w7dk.org

You can find the Fair Schedule at the w7dk.org website using this link: [\[Click here\]](#)

ELECTIONS ARE COMING**OFFICERS**

PRESIDENT - Gary McAdams, WG7X -
wg7x@w7dk.org
VICE PRESIDENT - Casey Hicks, WY7V -
wy7v@w7dk.org
SECRETARY - Larry Watson, KD4VOM -
kd4vom@w7dk.org
TREASURER - Bob Purdom, AD7LJ -
ad7lj@w7dk.org

DIRECTORS

Al Ferguson, N7OMS - n7oms@w7dk.org
Glen Galati, KA7BOJ - ka7boj@w7dk.org
Bruce Hanson, WE7P - we7p@w7dk.org
James Mendenhall, KE6WHN - ke6whn@w7dk.org
Nick Winter, K7MO - k7mo@w7dk.org

TERMS OF OFFICE

Terms that expire 12/31/2013: WY7V, KD4VOM,
N7OMS, KA7BOJ, WE7P

Terms that expire 12/31/2014: WG7X, AD7LJ,
KE6WHN, K7MO

TIMELINE:

September 11 Wed General Membership Meeting

Latest date that the Nominating Committee can be appointed

October 9 Wed General Membership Meeting:

Nominating Committee Report,

Nominations from the Floor,

Election Committee Appointed

October 20

Annual Election Ballots must be mailed out on or before this date

November 5

Annual Election Ballots must be postmarked by this date Or delivered personally at the November Annual Membership Meeting

Ballots counted and results announced

To be nominated for an officer position requires two years current active membership

To be nominated for a Director position requires one year current active membership

Any nomination requires the consent of the nominee

JAMBOREE ON THE AIR:

Steve Schumaker K7DFC is in the midst of planning an event to take place from 18-21 Oct, at Wilcox Farms. He has a few people coming out to set up stations, to work the event on our special 1x1 call sign W7S. He would love to have more folks out there set up field day style. Please let him know if you or anyone else is interested.

Steve K7DFC

253-861-5467

Yet another opportunity to support and attract younger members into our hobby.

Here's a link to the ARRL JOTA page: [[click here](#)]

Jamboree-on-the-Air is held the third weekend in October. The official hours are from Saturday at 00:00 hours local time (right at midnight Friday) to Sunday 24:00 (midnight Sunday evening). So you've got the whole weekend to make JOTA contacts.

The World Scout Bureau reported that the 2010 JOTA had just over 700,000 Scout participants from nearly 6,000 amateur radio stations! Modern technology offers Scouts the exciting opportunity to make friends in other countries without leaving home. JOTA is an annual event in which Boy and Girl Scouts and Guides from all over the world speak to each other by means of Amateur (ham) Radio.

PROGRAM: 2009 K5D DXpedition to Descheo Island, John Bertels N07B and Dave Curry N7SRT

John and Dave presented an interesting reprise of the 2009 DX Expedition to Descheo Island

DISCUSSION TOPICS:**Board Agenda items coming up:**

Several important topics are coming up at next Board meeting:

RCT Meetings: The Board is considering the possibility of changing the purpose and location of the sec-

and monthly meeting to conduct training, workshops, and projects at the Clubhouse.

RCT Repeaters: The Board is considering it's repeater systems configuration and needs.

SHOW AND TELL: None.

TUNING AND TRAFFIC: None reported

DOOR PRIZES: None conducted

RAFFLE PRIZE: None conducted

MEETING ADJOURNED



**General Meeting Notes
25 September 2013**

The 25 September 2013 General Membership meeting was held at the Pierce County Library Administration Building at Waller Road and 112th Street. .

Secretary Larry Watson KD4VOM called the meeting to order at 7:35 PM.

Officers and board members present:

Secretary Larry Watson KD4VOM
Board Bruce Hanson WE7P

Board Jim Mendenhall KE6WHN

A sign in sheet with the names of members and guests is attached to the original copy of these minutes. There were 35 names on the attendance roster.

PLEDGE OF ALLEGIANCE: Was led by Larry KD4VOM

INTRODUCTIONS: Guests and Self introductions were completed.

ILLNESS OR SILENT KEY: None Reported

Correspondence:

Newsletters
Utility Bills
Salmon Run Pledges
QEX Experimenter
Bank Statements
Electric Radio

The Field Day Pig was circulated to collect donations for Field Day operations.

COMMITTEE REPORTS:

Training: The next Technician's class will be held on 5 & 6 October

Stephen is also ginning up a General Class and is seeking Extra Class licensees to help teach the program.

ANNOUNCEMENTS:

Salmon Run QSO Party and Pledge Drive:

Salmon Run the QSO Party Randy Myers WB4SBP
Congrats, SR 2013 team, on a clean sweep and a significant score. The log has been submitted to WWDXC and uploaded to LoTW (thanks Joe!).

1199 QSOs were logged, of which 10 were dupes. So our score is computed from:

278 CW Qs = 834 points
911 phone Qs = 1822 points
1189 total Qs giving total points = 2656

Counties = 39 (clean sweep!)
States/provinces = 54 (missed AK, AB and QC)
DXCC entities = 18
Total multipliers = 111

2013 score = (2656 * 111) + 1000 bonus for working W7DX on two modes = 295,816
2012 score was 172,612 on 700 Qs (10th in state)
2011 score was 271,784 on 1085 Qs (3rd in state)

Mike Buettner K7STO reported on their deployment to Garfield County

Mike and Woody N7HCJ worked the Expedition Multi Operator Single Transmitter Class SSB only on four bands 80m, 40m, 20, 15 with 142 contacts on 40m and 272 total QSO's, with 71 multipliers from working 38 counties with Skamania being our downfall, 31 states, and 2 countries Japan and Venezuela. , They were south of the town of Pomeroy in the Umatilla National Forest Wenaha-Tucannon Wilderness at 5600 elevation and approximately 14 miles north of the Washington Oregon state line.

Mike Mikuchonis W7XTZ and Al Ferguson N7OMS deployed to the San Juan's

Al and I operated on 15, 20, 40 and 80. I made one QSO on 160. The antennas used:

Tee Pee Vee dipole, Transworld 2020 vertical dipole and 84' end fed with a 17' counterpoise. Rigs: Yaesu 897-D on generator and Icom 706-MKIIIG on battery.

Salmon Run Pledge Drive:

Larry KD4VOM reported preliminary information on the Salmon Run Pledge Drive

The Non-member mailing was disappointing, yielding only a few new/reinstated members and a few paid pledges.

The member support was much better, so far yielding over two thousand dollars and receiving positive responses from over 30 members.

It is never too late to pledge/support the Salmon Run. Envelopes are available at the Clubhouse, or simply send your tax deductible contribution to the Secretary at

Radio Club of Tacoma

PO Box 11188

Tacoma WA 98411

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Location: The W7EAT 146.700 MHz Repeater minus offset 103.5 tone (Eatonville)

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W7DK@the Fair: Stephen Morton AD7AB

Stephen thank the Set Up and Tear Down crews for their fine work, and of course to the many members that served duty tours at the RCT Club Booth

The visitor log shows slightly less than last year, but overall Fair attendance was down as well.

ELECTIONS ARE COMING...

OFFICERS

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VICE PRESIDENT - Casey Hicks, WY7V - wy7v@w7dk.org

SECRETARY - Larry Watson, KD4VOM - kd4vom@w7dk.org

TREASURER - Bob Purdom, AD7LJ - ad7lj@w7dk.org

DIRECTORS

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Glen Galati, KA7BOJ - ka7boj@w7dk.org

Bruce Hanson, WE7P - we7p@w7dk.org

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PROGRAM: RCT Proposal to improve the Second Wednesday meeting:

Larry KD4VOM described the proposal to serve the membership better by changing the place and format of the second general membership meeting.



The general idea is to solicit topics and ideas for hands on workshops and tutorials on the fourth Wednesday at the same time at the Clubhouse.

The attendees were polled to see if the proposal was supported, all attended signified by raising their hand. When asked for those who would prefer keeping the second Wednesday at the current location and time, none appeared.

Each attendee was invited to suggest or nominate topic areas or workshops they would like to see the Club provide under the proposed format and location.

A summary of the recommended topics, subject areas is attached to the original copy of these minutes

DISCUSSION TOPICS:

None Reported

SHOW AND TELL: None.

TUNING AND TRAFFIC: None

DOOR PRIZES: None conducted

RAFFLE PRIZE: None conducted

The meeting was adjourned at 9:15 pm



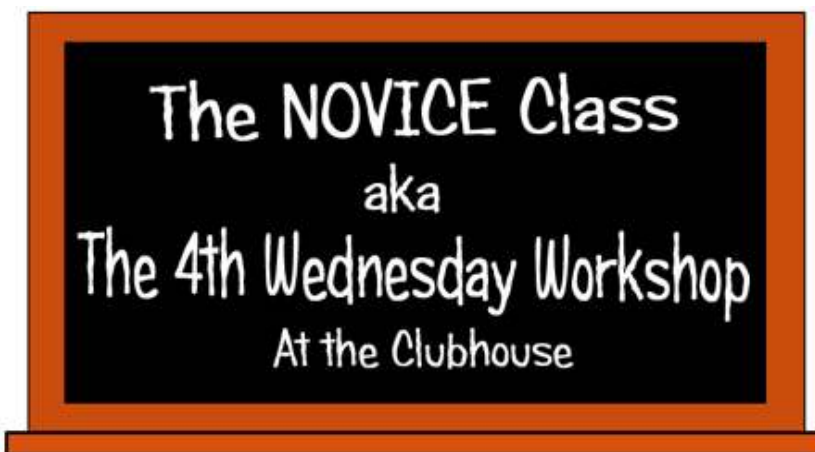
During September, a crew performed work on the club's Crawford Mountain Repeater. It is now back in service on 147.380MHz

EXTRA EXTRA

You heard it first here !

You've probably heard that the radio club management is considering moving the second club meeting of the month from the Library Service Center to the Clubhouse. Everyone that I've spoken to thinks it is a good idea because the clubhouse is more suited for ham radio type demonstrations. In the meanwhile Bruce WE7P and I have decided that we will open up the clubhouse on the 4th Wednesday of October and give some presentations. Everyone is welcome to join us. Feel free to bring treats to share. Bruce will make the coffee.

On Wednesday, Oct 23, beginning at 7:00 PM, Rich KR7W will be giving a presentation on **Multi-Path Interference** in the Class Room. This topic may be of interest to hams who operate VHF FM. And Bruce WE7P will presenting info on the High Frequency **Mode JT-65** in the Lou Room, then adjourn to the HF room to make QSOs. This topic may be of interest to hams who want to get into low power DXing using a PC instead of a microphone.



The Clubhouse will **open at 6:30 PM** for hams who are studying for their **General Class License Upgrade** who may have questions regarding info in the study guide or a question on the practice tests.

Note: at the time of this writing (Oct 3)... It is not known to me if there will be a club meeting at the Library Service Center on SE 112th St on Oct 23. In a way, the Novice Class gathering is competing with the regular scheduled meeting. Ask a radio club manager about the Library meeting status incase you want to attend. -30- Rich KR7W



Salmon Run 2013 at W7DK
Photos courtesy Randy WB4SPB

CQ FROM THE W7DK LIBRARY

Douglas E. Oakman AD7AV, Chief Librarian

The Library Committee: Al Ferguson N7OMS, Pat Wingerter WT7N, Sue Schub KF7SOW, Rich Patrick KR7W, Chuck Kemmer AC7QN, Larry Watson KD4VOM (archives). Randy Myers WB4SPB and Stephen Morton AD7AB supply IT/computer support; Joe Lester K7ZG maintains the library information on the W7DK website.

Purpose Statement: The W7DK library exists to preserve the history of the club and of amateur radio as well as to provide useful technical information to members.

Policy: Reference library items do not circulate, except those in a specially designated circulating collection. Items donated to the library are, by decision of the Library Committee, kept in the collection, sold at Hamfest or on eBay, or put on the Saturday free tables. Donated items in any case benefit the club in general.

A little history. When I joined the club in 2002, the library was in something of a state of neglect. It's very difficult for an academic to resist books. And I like old books in particular. Apparently, much had been donated to the club over the years, but there was no existing inventory or catalog of all the holdings. Sometime during the spring or summer of 2003, former President Mick Pier asked me if I would be willing to take on the job as club librarian. ...

OK, I took up the challenge. That fall of 2003, I was on a sabbatical from Pacific Lutheran University, and I spent many solitary hours going through all the books, journals and magazines, pamphlets, instruction manuals, audio-visual materials, and so on. I had a first inventory finished by early 2004. Not being a professional librarian, I had many doubts about how to proceed. Should the catalog be done in the Library of Congress or Dewey Decimal systems? How were labels to be affixed? After lengthy conversations with several librarians, and my wife's insistence, it became



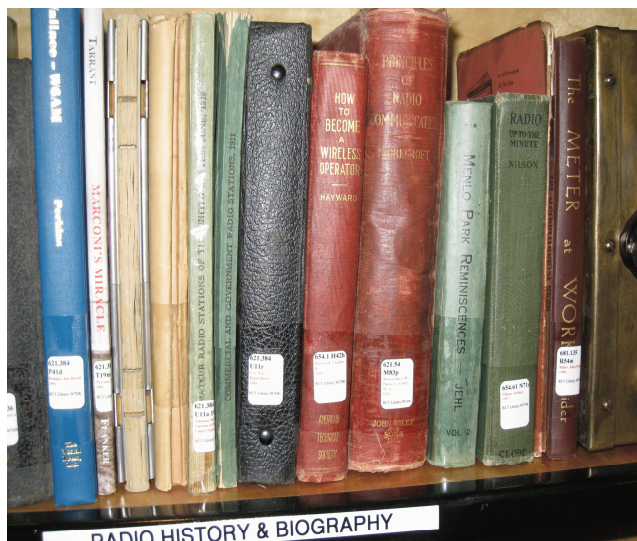
obvious that the Dewey Decimal system was the logical choice for a library like ours.

My initial inventory turned up around 500 items. A library committee was formed. We discussed how to make the library useful to the membership; we developed rudimentary policies for accepting donations. The process of labeling books and journals seemed to take forever, and labeling proceeded at a glacial pace from 2005 through 2008. A good deal of culling took place in 2004-2007, so that the holdings decreased to under 400 items.

I had many doubts along the way about the wisdom of taking on this project. Yet the labeling did get done. Missing issues in our QST holdings were replaced. Manuals were inventoried and stored. The Museum and Library Committees began to work very closely together in order to coordinate work with the books and work with the museum equipment. Moreover, the library crew remained intent on providing a useful library and pleasant surroundings for browsing. New shelves were constructed and the museum and library areas refurbished.

Today, through addition of new books and acceptance of appropriate donations, the holdings have increased to 589 books and magazines, 56 eBooks, and over 1800 manuals in the Jerry Seligman/W7DK manual collection. Shelves upstairs contain recent issues of *QST*, *NCJ*, *QEX*, and *Electric Radio*. In the future, more digital materials will be available through club computers and the W7DK website. The website also has

links to other useful on-line resources. The upstairs research holdings recently were rearranged into larger categories such as Antennas, Operating, Technical, History, etc. Signs orient browsers by special shelf numbering system; within each category the books are (supposedly) ordered by their Dewey numbers. There has not been enough time yet for the committee to adjust the catalog to reflect these changes, but



we hope this will make the library even more useful to the members. Information from any of these materials may, according to fair-use provisions of the law, be copied on club photocopiers.

Membership should think of the collection upstairs and the manuals as a reference library. These always remain within the W7DK clubhouse. In the near future, the circulating collection downstairs will be reestablished in the education room. These books are for members only, to be signed out and back in after no longer than a three-week period. Circulating books are clearly marked with red tape and a C or with blue tape and a CEM (EMCOMM) and prefixed to the Dewey call number to differentiate these books from the reference and manual collections.

The New Shelf Categories

Regular library reports are made to the RCT board, and the board approves an annual library budget (\$435 for both 2012 and 2013). The budget covers acquisition of new books as well as historic treasures. Regular subscriptions must also be covered.

Additions to the collection must carefully be considered given the club's space limitations. Anyone who donates something to the collection can request a receipt for tax-deduction purposes and can expect that materials donated will be handled by the published policy. If the Library Committee cannot accept a donation, the Property Management Committee decides on disposal according to the above policy.

Since the Library Committee works entirely on a voluntary basis, completion of new projects will be done as time allows. Besides donations, suggestions from the membership are always welcome. We hope in the future to offer programs related to the library such as book reports. We also ask you to guard our collection to make sure that it remains a resource available for the entire club for a long time to come.

[This little article originally ran in the May 2009 BARK. It has been updated for this issue.]

The RADIO CLUB OF TACOMA needs your donations...

DONATIONS PLAY A BIG PART IN FUNDING THE OPERATION OF RCT. IF YOU HAVE UNWANTED OR UNNEEDED AMATEUR RADIO OR RELATED EQUIPMENT. PLEASE CONSIDER DONATING IT TO THE CLUB

If you have something to donate Contact Frank Palmer AC7JY, Property Management Team Leader

The Boatanchor Chronicles Musings of a Retrotechnologist Part 3 By Mike W7MWF

Well, restoring an antique receiver is not an overnight project, I've discovered. But little steps make a journey.

Over the past month I've continued to work on rebuilding old capacitors with modern components. As I have virtually completed the work on the "bathtub" caps, I decided it was time to tackle the larger "can" style electrolytic capacitors.



The Scott SLR-F receiver that is now on the bench has four old 600-volt 40 MFd caps. They are all connected to a complex wiring harness, and not a lot of room to spare or extra wire to work with. Note-the labeling on the photo is my add-on for future reference.

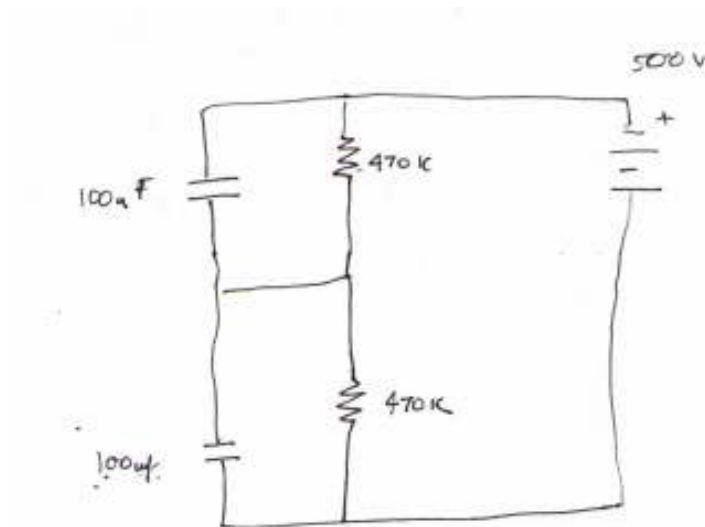


In order to hold the cans steady while I sawed through them with the rotary tool and a cutoff wheel (shown above resting on a Navy Flame-proof key), I fabricated a jig using some old PVC pipe scraps and a hose clamp. It worked swell to saw through one side, then loosen the clamp and rotate the can to finish the sawing on the other side. I forgot to take a photo of the SLR-F cap when I was butchering it, but this picture with another capacitor gives you a good idea of my setup clamped in the vise on my bench.

Once the incision was done, I pulled the insides out and evaluated. What we have is a compact roll of foil and paper. It appears that at one time it was oil-filled, but was now pretty much bone-dry. Oddly, there were no signs of leakage apparent on the chassis.



Now my next step is to determine how to stuff modern components into the empty shell. I've got a couple of options.



One way that I might do it is to build a voltage divider with a couple of 100 MFd caps and a pair of 470K ohm resistors. This should be sufficient to carry 500 volts and result in a capacitance of 50 MFd.. Quick and hopefully accurate schematic at left. There should be enough room in the can when the components are attached to a small piece of circuit board.

Alternatively, I might order a few modern 600V/40MFd electrolytic caps, as shown to the right, and simplify the entire process of reconstructive surgery. Cost is about the same whichever way I decide to go.

Another possibility is to rebuild a couple using each method, just to give me the opportunity to try different techniques. Maybe next month I can report further progress and let you know the details of my successes and failures.



W7DK Members assist Campfire Girls

Over the past couple of months, several RCT members have provided assistance to the regional Campfire Girls group. Two Bobs (K7MXE and AD7LJ), along with Karl K7KHJ participated in the convoy of military vehicles from Tacoma to Yakima, and return convoy. This was an opportunity for them to perform testing of various APRS gear and different antenna configurations. For more info about the convoy project, visit the Campfire Girls website at http://www.campfireusaorca.org/convoy_new.htm



Some photos courtesy of Bob AD7LJ and the other Bob K7MXE showing the assortment of Japanese Ground Self Defense Force vehicles they were convoying. And when you are out on the road, keep your eyes peeled for unmarked WSP cruisers, much like the Dodge Charger shown to the right. No visible antennas, mag wheels, standard license plates.



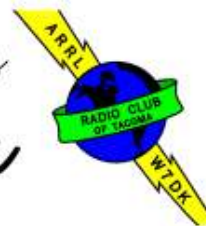
The Bark is again pleased to feature several QSL cards from the extensive collection of Harry N7DOE. Thanks Harry for so graciously sharing some of your cards with us. This month we visit France and the Ukraine.



All club members are invited and encouraged to contribute cards, photos, stories, opinions, observations, or other tidbits for publication in The Bark. Either email them to me as a jpg file, or bring them by the clubhouse on a Saturday and I'll scan them. For textual contributions, MSWord, PDF, RTF or plain text files are suitable.



The Radio Club of Tacoma's
Logger's Bark



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Membership Info: FULL (licensed) and ASSOCIATE (non licensed) is \$30 per calendar year. \$25 for Licensed Seniors (65 and over). Licensed family members at same address pay \$15 each for the first two and are free for the third, fourth, and so on. Fulltime students, licensed or non licensed, up to age 25 are \$15 per year. Note: fees are applicable for the calendar year: Jan to Dec. Lifetime membership is 20 times the yearly fee you are eligible for.. Lifetime memberships are calculated based on the FULL and ASSOCIATE rates.

Radio Club Repeaters

Central Tacoma: 147.280 + PL=103.5

Crawford Mountain (SE Thurston County): 147.380 + PL=103.5

Central Tacoma: 440.625 + PL=103.5

Remember - For the latest and most current information on events and activities, visit the Radio Club of Tacoma Website w7dk.org. Be sure to enroll as a member to see all the info.

The Loggers Bark
Radio Club of Tacoma
PO Box 11188
Tacoma, WA 98411

To RCT Member:



Upcoming RCT Events

CLUB MEETINGS: Second and fourth Wednesdays of the month at the Library Administration Building 112th and Waller Road. The club meets at 7:30 PM. Everyone is invited to attend.

Board Meeting: First Wednesday of the month at the RCT clubhouse. All members are welcome to attend .

Bark Deadline: Last week-end of each month. Please submit articles by that time!

Check into the weekly two meter net: Tuesdays at 7:30 PM on the club repeater on 147.280 MHz

Check into the weekly 10 meter net: Sundays at 8:00 PM on 28.375 MHz .